WEST Search History

Hide Items | Restore | Clear | Cancel

DATE: Friday, July 23, 2004

Hide?	Set Name	Query	Hit Count
		DB=PGPB,USPT,USOC; PLUR=YES; OP=ADJ	
☐	L20	L12 and bootstrap$	2
☐	L19	L18 and bootstrap$	9
☐	L18	L17 and poll$	105
☐	L17	L16 and l9	616
☐	L16	(L1 or l2 or l3 or l4 or l5 or l6 or l7 or l8)	17172
		DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ	
☐	L15	(L14 or l13) and bootstrap@	2
☐	L14	L11 and (poll near server)	44
☐	L13	L11 and (polling near server)	13
☐	L12	L11 and (poll$ near server)	57
☐	L11	(L10 or l9)	16119
☐	L10	microcode and image	3092
☐	L9	firmware and image	13657
		DB=PGPB,USPT,USOC; PLUR=YES; OP=ADJ	
☐	L8	(716/12 |716/13 |716/14 |716/15 |716/16 |716/17).ccls.	1669
☐	L7	(713/1 |713/2).ccls.	2151
☐	L6	(712/32 |712/33 |712/34 |712/35 |712/36 |712/37 |712/38 |712/39 |712/40 |712/41 |712/42).ccls.	1529
☐	L5	(711/100 |711/101 |711/102 |711/103 |711/104 |711/105 |711/106 |711/107 |711/108 |711/109 |711/110 |711/111 |711/112).ccls.	5890
☐	L4	(710/36 |710/37 |710/38 |710/39 |710/40 |710/41 |710/42 |710/43 |710/44 |710/45 |710/46 |710/47 |710/72 |710/73 |710/74 |710/313 |710/314 |710/315 |710/220).ccls.	3080
☐	L3	(703/21 |703/22).ccls.	695
☐	L2	(702/117 |702/118 |702/119 |702/120 |702/121 |702/122 |702/123).ccls.	1154
☐	L1	(717/120 |717/121 |717/122 |717/168 |717/169 |717/170 |717/171 |717/172 |717/173 |717/174 |717/175 |717/176 |717/177 |717/178).ccls.	1748

END OF SEARCH HISTORY

Hit List

Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Search Results - Record(s) 1 through 9 of 9 returned.

☐ 1. Document ID: US 20040123090 A1

L19: Entry 1 of 9 File: PGPB Jun 24, 2004

PGPUB-DOCUMENT-NUMBER: 20040123090
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040123090 A1

TITLE: Providing access to system management information

PUBLICATION-DATE: June 24, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Zimmer, Vincent J.	Federal Way	WA	US	
Rothman, Michael A.	Gig Harbor	WA	US	

US-CL-CURRENT: 713/1

ABSTRACT:

System management information may be obtained from multiple input devices associated system management mode drivers during pre-boot and during runtime of an operating system. The system management information may be converted to a form for presentation management and stored in an indexed database accessible during runtime. A lock provides mutually exclusive access to the stored system management information for either updating or display.

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Ir

☐ 2. Document ID: US 20030023962 A1

L19: Entry 2 of 9 File: PGPB Jan 30, 2003

PGPUB-DOCUMENT-NUMBER: 20030023962
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030023962 A1

TITLE: Method for just-in-time updating of programming parts

PUBLICATION-DATE: January 30, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Erickson, Michael John	Loveland	CO	US	
Maciorowski, David R.	Parker	CO	US	
Kroeger, Christopher Shawn	Longmont	CO	US	

US-CL-CURRENT: 717/171; 717/178

ABSTRACT:

The invention provides a method of implementing firmware updates to programmable parts within circuit boards on a manufacturing line. An image file of firmware for each of the parts is created and stored on a firmware server. The programmable parts are preferably integrated with the printed circuit boards; each of the boards networks to the firmware server by connection with an interface server, such that the image files download to the circuit board for programming the board's internal programmable parts. Networking between the parts and the firmware server can include communications across the Internet and/or one or more area networks. Multiple interface servers may be integral with the products incorporating the programmable parts so that many products may be updated concurrently.

☐ 3. Document ID: US 6606744 B1

L19: Entry 3 of 9 File: USPT Aug 12, 2003

US-PAT-NO: 6606744
DOCUMENT-IDENTIFIER: US 6606744 B1
**** See image for Certificate of Correction ****

TITLE: Providing collaborative installation management in a network-based supply chain environment

DATE-ISSUED: August 12, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mikurak; Michael G.	Hamilton	NJ		

US-CL-CURRENT: 717/174; 705/26, 717/178

ABSTRACT:

A system, method and article of manufacture are provided for collaborative installation management in a network-based supply chain environment. According to an embodiment of the invention, telephone calls, data and other multimedia information are routed through a network system which includes transfer of information across the internet utilizing telephony routing information and internet protocol address information. The system includes integrated Internet Protocol (IP) telephony services allowing a user of a web application to communicate in an audio fashion in-band without having to pick up another telephone. Users can click a button and go to a call center through the network using IP telephony. The system invokes an IP telephony session simultaneously with the data session, and uses an active directory lookup whenever a user uses the system. Users

include service providers and manufacturers utilizing the network-based supply chain environment.

18 Claims, 130 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 130

☐ 4. Document ID: US 6578142 B1

L19: Entry 4 of 9 File: USPT Jun 10, 2003

US-PAT-NO: 6578142
DOCUMENT-IDENTIFIER: US 6578142 B1

TITLE: Method and apparatus for automatically installing and configuring software on a computer

DATE-ISSUED: June 10, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Anderson; Eric C.	Sunnyvale	CA		
Pitard; David	Santa Clara	CA		

US-CL-CURRENT: 713/2; 717/170

ABSTRACT:

A method including copying a first application from a first non-volatile memory to a second non-volatile memory and setting the first application to be a start-up application. The method further includes booting-up an operating system and executing the first application. The method also includes determining if a suitable connection exists, determining if a needed bandwidth of the suitable connection is available, and downloading a second application if the suitable connection exists and the needed bandwidth of the suitable connection is available. The method then includes executing the second application. An apparatus for performing the method is also disclosed.

33 Claims, 8 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 8

☐ 5. Document ID: US 6453469 B1

L19: Entry 5 of 9 File: USPT Sep 17, 2002

US-PAT-NO: 6453469
DOCUMENT-IDENTIFIER: US 6453469 B1

TITLE: Method and apparatus to automatically deinstall an application module when not functioning

DATE-ISSUED: September 17, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Jystad; Glenn E.	Dove Canyon	CA		

US-CL-CURRENT: 717/174; 717/168, 717/177

ABSTRACT:

A method and apparatus for automatically installing a target application module and de-installing the target application module if it fails to execute or function properly is described. In one embodiment, the method includes determining whether a shared resource exists on a target media, and, if the shared resource exists, determining whether the application module functioned properly on the target media, and automatically de-installing the application module if the application module failed to function properly.

20 Claims, 8 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 8

☐ 6. Document ID: US 6405309 B1

L19: Entry 6 of 9 File: USPT Jun 11, 2002

US-PAT-NO: 6405309
DOCUMENT-IDENTIFIER: US 6405309 B1

TITLE: Method and apparatus for creating and deploying smaller Microsoft Windows applications for automatic configuration of a computing device

DATE-ISSUED: June 11, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cheng; Cheuk	Daly City	CA		
Yuan; Bing	San Jose	CA		
Abgrall; Jean-Paul	San Jose	CA		

US-CL-CURRENT: 713/1

ABSTRACT:

A method including creating an executable program in accordance with a Windows Control Panel Language (CPL) format; storing the executable program in a first non-volatile memory; transferring the executable program from the first non-volatile memory to a second non-volatile memory; and, configuring an operating system to start-up the

executable program after the operating system has completed booting.

24 Claims, 8 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 8

☐ 7. Document ID: US 6321279 B1

L19: Entry 7 of 9 File: USPT Nov 20, 2001

US-PAT-NO: 6321279
DOCUMENT-IDENTIFIER: US 6321279 B1

TITLE: System for implementing intelligent I/O processing in a multi-processor system by redirecting I/O messages to a target central processor selected from the multi-processor system

DATE-ISSUED: November 20, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bonola; Thomas J.	Tomball	TX		

US-CL-CURRENT: 710/36; 710/40, 710/64, 718/102, 718/105

ABSTRACT:

A software program is used in conjunction with a standard general purpose multi-processor computer system as a means of implementing an I.sub.2 O-compliant input-output processor ("IOP") without requiring a special hardware IOP processor embedded on a PCI device card and connected to a computer system PCI bus. At least one of the multi-processor is targeted for operating a special software operating system module. The special software operating system module is capable of emulating the I.sub.2 O-compliant input-output operating system program. This enables the targeted CPU to act as a virtual IOP. A driver software module is inserted into the operating system during computer system initialization which causes the software operating system to operate as if it is communicating with a physical IOP installed on a PCI bus, but instead the driver software module is redirecting the message to one of the virtual IOPs, thus making operation of the computer system indistinguishable from messages that would have been processed by a hardware implemented IOP in a computer system. Legacy computers may also implement I.sub.2 O functionality without needing to be PCI bus configured, nor requiring special hardware IOP.

22 Claims, 16 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 14

☐ 8. Document ID: US 6101601 A

L19: Entry 8 of 9 File: USPT Aug 8, 2000

US-PAT-NO: 6101601
DOCUMENT-IDENTIFIER: US 6101601 A

TITLE: Method and apparatus for hibernation within a distributed data processing system

DATE-ISSUED: August 8, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Matthews; Gareth Christopher	Cedar Park	TX		
Medina; David	Austin	TX		
Wynn; Allen Chester	Round Rock	TX		

US-CL-CURRENT: 713/2; 707/10, 714/15

ABSTRACT:

A method and apparatus provides initializing a data processing system within a distributed data processing system. The data processing system receives data wherein the data is used to initialize the data processing system. The data processing system saves an image within the data processing system in a selected state after initialization of the data processing system, wherein the image is a saved image. The data processing system restores to the state using the saved image.

28 Claims, 6 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 5

☐ 9. Document ID: US 5909437 A

L19: Entry 9 of 9 File: USPT Jun 1, 1999

US-PAT-NO: 5909437
DOCUMENT-IDENTIFIER: US 5909437 A

TITLE: Software download for a subscriber terminal of a wireless telecommunications system

DATE-ISSUED: June 1, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rhodes; Robert G.	Reading			GB
Cooper; Guy A.	Windsor			GB

US-CL-CURRENT: 370/349; 370/373, 370/469, 455/420, 713/2

ABSTRACT:

Software is down-loaded from a central station of a wireless telecommunications system to a remote subscriber station for configuring the remote subscriber station to permit wireless connection of user telecommunications equipment at the remote subscriber station to the central station. A multi-layer down-load protocol includes a number of independent protocol layers, preferably operating a master-slave configuration. Each layer controls respective sequence numbers to ensure system integrity. Control software is arranged with a device independent boot-strap and a set of device specific external service parameters to provide portability.

53 Claims, 38 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 20

Terms	Documents
L18 and bootstrap$	9

Welcome to IEEE Xplore

- Home
- What Can I Access?
- Log-out

Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

Search

- By Author
- Basic
- Advanced

Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

IEEE Enterprise

- Access the IEEE Enterprise File Cabinet

Print Format

Your search matched **4** of **1053485** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance** in **Descending** order.

Refine This Search:
You may refine your search by editing the current search expression or entering a new one in the text box.

poll<and>server<and>update Search

☐ Check to search within this result set

Results Key:
JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

---

1 **A multidrop PC network/database server for material flow and inventory control**
Cope, J.; Kamel, E.; Kamel, K.;
Intelligent Control, 1997. Proceedings of the 1997 IEEE International Symposium on , 16-18 July 1997
Pages:215 - 220

[Abstract] [PDF Full-Text (344 KB)] **IEEE CNF**

---

2 **A TNET database server for production flow control**
Kamel, E.; Kamel, K.;
Computers and Communications, 1998. ISCC '98. Proceedings. Third IEEE Symposium on , 30 June-2 July 1998
Pages:669 - 674

[Abstract] [PDF Full-Text (40 KB)] **IEEE CNF**

---

3 **Designing a learning-automata-based controller for client/server systems: a methodology**
Papadimitriou, G.I.; Vakali, A.I.; Pomportsis, A.S.;
Tools with Artificial Intelligence, 2000. ICTAI 2000. Proceedings. 12th IEEE International Conference on , 13-15 Nov. 2000
Pages:422 - 425

[Abstract] [PDF Full-Text (308 KB)] **IEEE CNF**

---

4 **Internet search engine freshness by Web server help**
Gupta, V.; Campbell, R.;
Applications and the Internet, 2001. Proceedings. 2001 Symposium on , 8-12 Jan. 2001

Terms used **polling** AND **server** AND **update** Found **18,047** of **139,988**

Sort results by relevance

Display results expanded form

Save results to a Binder

Search Tips

Open results in a new window

Try an Advanced Search

Try this search in The ACM Guide

Results 21 - 40 of 200 Result page: previous 1 **2** 3 4 5 6 7 8 9 10 next

Best 200 shown Relevance scale

21 An architecture for WWW-based hypercode environments

Gail E. Kaiser, Stephen E. Dossick, Wenyu Jiang, Jack Jingshuang Yang

May 1997 **Proceedings of the 19th international conference on Software engineering**

Full text available: pdf(1.84 MB) Additional Information: full citation, references, citings, index terms

22 Beacond: a peer-to-peer system to teach ubiquitous computing

Surendar Chandra

January 2003 **ACM SIGCSE Bulletin , Proceedings of the 34th SIGCSE technical symposium on Computer science education**, Volume 35 Issue 1

Full text available: pdf(50.80 KB) Additional Information: full citation, abstract, references, index terms

This paper describes a peer-to-peer (p2p) system (beacond) that is suitable for teaching important concepts in ubiquitous computing. The system exposes issues in peer location, p2p services, security and privacy issues. The system provided enough background to compliment class lectures and assisted students in designing their own course projects. Students continue to explore ideas exposed by beacond; some of these ideas are being further developed for publication in research conferences[1]. We p ...

Keywords: computer networks, ubiquitous computing

23 Designing distributed applications with mobile code paradigms

Antonio Carzaniga, Gian Pietro Picco, Giovanni Vigna

May 1997 **Proceedings of the 19th international conference on Software engineering**

Full text available: pdf(1.86 MB) Additional Information: full citation, references, citings, index terms

Keywords: design paradigms, distributed applications, mobile code

24 Polling systems with server timeouts and their application to token passing networks

Edmundo de Souza e Silva, H. Richard Gail, Richard R. Muntz

October 1995 **IEEE/ACM Transactions on Networking (TON)**, Volume 3 Issue 5

Full text available: pdf(1.61 MB) Additional Information: full citation, references, citings, index terms

25 Electronic commerce universal access device-the knowledge-acquiring layered infrastructure (KALI) project
Theodore Chiasson, Carrie Gates
September 2000 **Crossroads**, Volume 7 Issue 1
Full text available: html(35.92 KB) Additional Information: full citation, index terms

26 Reception and posters: A geographic redirection service for on-line games
Chris Chambers, Wu-chi Feng, Wu-chang Feng, Debanjan Saha
November 2003 **Proceedings of the eleventh ACM international conference on Multimedia**
Full text available: pdf(370.67 KB) Additional Information: full citation, abstract, references, index terms

For many on-line games, user experience is impacted significantly by network latency. As on-line games and on-line game servers proliferate, the ability to discover and connect to nearby servers is essential for maintaining user satisfaction. In this paper, we present a redirection service for on-line games based on the geographic location of players relative to servers. As our results show, the service better meets client demand, saving each client and the Internet as a whole, thousands of mile ...

27 On optimization of polling policy represented by neural network
Yutaka Matsumoto
October 1994 **ACM SIGCOMM Computer Communication Review , Proceedings of the conference on Communications architectures, protocols and applications**, Volume 24 Issue 4
Full text available: pdf(843.27 KB) Additional Information: full citation, abstract, references, index terms

This paper deals with the problem of scheduling a server in a polling system with multiple queues and complete information. We represent the polling policy by a neural network; namely, given the number of waiting customers in each queue, the server determines next queue he should visit according to the output of the neural network. By using the simulated annealing method, we improve the neural polling policy in such a way that the mean delay of customers is minimized. Numer ...

28 The X window system
Robert W. Scheifler, Jim Gettys
April 1986 **ACM Transactions on Graphics (TOG)**, Volume 5 Issue 2
Full text available: pdf(2.76 MB) Additional Information: full citation, abstract, references, citings, index terms, review

An overview of the X Window System is presented, focusing on the system substrate and the low-level facilities provided to build applications and to manage the desktop. The system provides high-performance, high-level, device-independent graphics. A hierarchy of resizable, overlapping windows allows a wide variety of application and user interfaces to be built easily. Network-transparent access to the display provides an important degree of functional separation, without significantly affec ...

29 Concurrency control in collaborative hypertext systems
Uffe Kock Wiil, John J. Leggett
December 1993 **Proceedings of the fifth ACM conference on Hypertext**
Full text available: pdf(1.05 MB) Additional Information: full citation, references, citings, index terms

Keywords: collaborative work, concurrency control, distributed hypertext systems, events, extensibility, hyperbases, open architectures, supporting technologies, transaction management, user-controlled locking, version control

30 Crawler-Friendly Web Servers

Onn Brandman, Junghoo Cho, Hector Garcia-Molina, Narayanan Shivakumar
September 2000 **ACM SIGMETRICS Performance Evaluation Review**, Volume 28 Issue 2

Full text available: pdf(513.04 KB) Additional Information: full citation, abstract, index terms

In this paper we study how to make web servers (e.g., Apache) more crawler friendly. Current web servers offer the same interface to crawlers and regular web surfers, even though crawlers and surfers have very different performance requirements. We evaluate simple and easy-to-incorporate modifications to web servers so that there are significant bandwidth savings. Specifically, we propose that web servers export meta-data archives decribing their content.

31 Measurement: Towards an accurate AS-level traceroute tool

Zhuoqing Morley Mao, Jennifer Rexford, Jia Wang, Randy H. Katz
August 2003 **Proceedings of the 2003 conference on Applications, technologies, architectures, and protocols for computer communications**

Full text available: pdf(176.89 KB) Additional Information: full citation, abstract, references, citings, index terms

Traceroute is widely used to detect routing problems, characterize end-to-end paths, and discover the Internet topology. Providing an accurate list of the Autonomous Systems (ASes) along the forwarding path would make traceroute even more valuable to researchers and network operators. However, conventional approaches to mapping traceroute hops to AS numbers are not accurate enough. Address registries are often incomplete and out-of-date. BGP routing tables provide a better IP-to-AS mapping, thou ...

Keywords: AS-level path, border gateway protocol, internet topology, network measurements

32 Decentralized storage systems: Taming aggressive replication in the Pangaea wide-area file system

Yasushi Saito, Christos Karamanolis, Magnus Karlsson, Mallik Mahalingam
December 2002 **ACM SIGOPS Operating Systems Review**, Volume 36 Issue SI

Full text available: pdf(1.93 MB) Additional Information: full citation, abstract, references

Pangaea is a wide-area file system that supports data sharing among a community of widely distributed users. It is built on a symmetrically decentralized infrastructure that consists of commodity computers provided by the end users. Computers act autonomously to serve data to their local users. When possible, they exchange data with nearby peers to improve the system's overall performance, availability, and network economy. This approach is realized by aggressively creating a replica of a file w ...

33 Simulating a complex software system

Dennis S. Mok, Sheldon T. Becker
April 1990 **ACM SIGSIM Simulation Digest , Proceedings of the 23rd annual symposium on Simulation**, Volume 20 Issue 4

Full text available: pdf(1.07 MB) Additional Information: full citation, abstract, references, index terms

This paper describes the simulation problems and techniques associated with modeling a

complex computer software system. In this study, modeling techniques such as: hybrid simulation, bit packing, mirroring, post-simulation statistical analysis and other special simulation programming techniques are presented together with the results of their application.

34 Dynamic services and analysis: Engineering and hosting adaptive freshness-sensitive web applications on data centers

Wen-Syan Li, Oliver Po, Wang-Pin Hsiung, K. Selçuk Candan, Divyakant Agrawal

May 2003 **Proceedings of the twelfth international conference on World Wide Web**

Full text available: pdf(10.31 MB) Additional Information: full citation, abstract, references, index terms

Wide-area database replication technologies and the availability of content delivery networks allow Web applications to be hosted and served from powerful data centers. This form of application support requires a complete Web application suite to be distributed along with the database replicas. A major advantage of this approach is that dynamic content is served from locations closer to users, leading into reduced network latency and fast response times. However, this is achieved at the expense ...

Keywords: database-driven web applications, dynamic content, freshness, response time, net-work latency, web acceleration

35 A publish/subscribe COBRA persistent state service prototype

C. Liebig, M. Cilia, M. Betz, A. Buchmann

April 2000 **IFIP/ACM International Conference on Distributed systems platforms**

Full text available: pdf(283.92 KB) Additional Information: full citation, abstract, references

An important class of information dissemination applications requires 1:n communication and access to persistent datastores. CORBA's new Persistent State Service combined with messaging capabilities offer the possibility of efficiently realizing information brokers between data sources and CORBA clients. In this paper we present a prototype implementation of the PSS that exploits the reliable multicast capabilities of an existing middleware platform. This publish/subscribe architecture makes ...

36 Satellite-based information services: Bringing the web to the network edge: large caches and satellite distribution

Pablo Rodriguez, Ernst W. Biersack

January 2002 **Mobile Networks and Applications**, Volume 7 Issue 1

Full text available: pdf(238.04 KB) Additional Information: full citation, abstract, references, citings, index terms

In this paper we discuss the performance of a document distribution model that interconnects Web caches through a satellite channel. During recent years Web caching has emerged as an important way to reduce client-perceived latency and network resource requirements in the Internet. Also a satellite distribution is being rapidly deployed to offer Internet services while avoiding highly congested terrestrial links. When Web caches are interconnected through a satellite distribution, caches end up ...

Keywords: caching, content distribution, satellite, web

37 Software: VRPN: a device-independent, network-transparent VR peripheral system

Russell M. Taylor, Thomas C. Hudson, Adam Seeger, Hans Weber, Jeffrey Juliano, Aron T. Helser

November 2001 **Proceedings of the ACM symposium on Virtual reality software and technology**

Full text available: pdf(344.60 KB) Additional Information: full citation, abstract, references, citings, index terms

The Virtual-Reality Peripheral Network (VRPN) system provides a device-independent and network-transparent interface to virtual-reality peripherals. VRPN's application of factoring by function and of layering in the context of devices produces an interface that is novel and powerful. VRPN also integrates a wide range of known advanced techniques into a publicly-available system. These techniques benefit both direct VRPN users and those who implement other applications that make use of VR periphe ...

Keywords: input devices, interactive graphics, library, peripherals, virtual environments, virtual worlds

38 Experiences with VI communication for database storage

Yuanyuan Zhou, Angelos Bilas, Suresh Jagannathan, Cezary Dubnicki, James F. Philbin, Kai Li
May 2002 **ACM SIGARCH Computer Architecture News**, Volume 30 Issue 2

Full text available: pdf(1.29 MB) Publisher Site Additional Information: full citation, abstract, references, citings, index terms

This paper examines how VI-based interconnects can be used to improve I/O path performance between a database server and the storage subsystem. We design and implement a software layer, DSA, that is layered between the application and VI. DSA takes advantage of specific VI features and deals with many of its shortcomings. We provide and evaluate one kernel-level and two user-level implementations of DSA. These implementations trade transparency and generality for performance at different degrees ...

Keywords: Storage system, cluster-based storage, Database storage, storage area network, User-level Communication, Virtual Interface Architecture, processor overhead

39 Middleware: DVB-MHP/Java TV™ data transport mechanisms

John Jones
February 2002 **Proceedings of the Fortieth International Confernece on Tools Pacific: Objects for internet, mobile and embedded applications - Volume 10**

Full text available: pdf(639.32 KB) Additional Information: full citation, abstract, references, index terms

With the advent of digital television, more specifically interactive television, the emergence and adoption of the Java™ DVB-MHP standards here in Australia provides developers with a range of new technologies and issues.An appreciation of broadcast technologies, in particular MPEG-2 and the Object Carousel are required to understand the facilities and constraints of this new Java™ technology environment.This paper covers the embedded Java™ technology APIs related to the entire ...

40 Distributed link service in the Aquarelle project

Antoine Rizk, Dale Sutcliffe
April 1997 **Proceedings of the eighth ACM conference on Hypertext**

Full text available: pdf(244.90 KB) Additional Information: full citation, references, citings, index terms

Keywords: link service, open hypermedia systems

Searching for **polling and server**.
Restrict to: Header Title Order by: Expected citations Hubs Usage Date Try: Google (CiteSeer) Google (Web) CSB DBLP
352 documents found. **Order: number of citations.**

A Compositional Approach to Performance Modelling - Hillston (1996) (Correct) (198 citations)
systems. These systems, an extension of classical **polling** systems, have been shown to be useful
:45 4.2 **Polling** Systems :
are illustrated by examples modelling multi-**server** multi-queue (MSMQ) systems. These systems, an
www.dcs.ed.ac.uk/home/stg/PEPA/./book.ps.gz

One or more of the query terms is very common - only partial results have been returned. Try Google (CiteSeer).

World Wide Web Cache Consistency - Gwertzman (1996) (Correct) (150 citations)
use on the Internet: time-to-live fields, client **polling**, and invalidation protocols. Time-to-live fields
as online newspapers that change daily. Client **polling** is a technique where clients periodically check
cache) reduces network bandwidth consumption and **server** load more than either time-to-live fields or an
www.usenix.org/publications/library/proceedings/sd96/full_papers/seltzer.ps

World-Wide Web Cache Consistency - Gwertzman, Seltzer (1996) (Correct) (150 citations)
use on the Internet: time-to-live fields, client **polling**, and invalidation protocols. Time-to-live fields
as online newspapers that change daily. Client **polling** is a technique where clients periodically check
cache) reduces network bandwidth consumption and **server** load more than either time-to-live fields or an
www.cs.rutgers.edu/~ricardob/courses/internet/papers/consist.ps.gz

Maintaining Strong Cache Consistency in the World-Wide Web - Liu, Cao (1998) (Correct) (122 citations)
three consistency approaches: adaptive TTL, **polling**-every-time and invalidation, using prototype
slightly lower average client response time, while **polling**-every-time generates more network traffic and
less or a comparable amount of network traffic and **server** workload than adaptive TTL and has a slightly
ftp.cs.umd.edu/pub/faculty/keleher/papers/cao.ps.gz

A Digital Fountain Approach to Reliable Distribution of .. - Byers, Luby.. (1998) (Correct) (117 citations)
by using techniques such as local repair, **polling**, or the use of a hierarchy have been proposed
is unscalable. For example, consider a video **server** distributing a movie over the Internet to
for retransmission can quickly overwhelm the **server** in a process known as feedback implosion. Even in
www.research.digital.com/SRC/personal/Michael_Mitzenmacher/NEWWORK/postscripts/multicast-tn.ps.gz

The Active Badge Location System - Roy Want (1992) (Correct) (111 citations)
connected to the network, is given the task of **polling** the sensors for badge `sightings'processing
In order that the network master should not have to **poll** the sensors at high speed to avoid data loss (e.g.
sightings and relaying the data back to a central **server** for processing. A design was conceived that would
ftp.orl.co.uk/pub/docs/ORL/tr.92.1.ps.Z

Alex - a Global Filesystem - Cate (1992) (Correct) (91 citations)
the FTP protocol has no provisions for this, and **polling** over the Internet is slow. Fortunately, the
Robert Cailliau, Jean-Francois Groff, Bernd **Poll**ermann, World-Wide Web: The Information Universe"
to use it. I then describe the current NFS **server** implementation. After this I discuss related
cag.lcs.mit.edu/pub/dm/papers/cate:alex.ps.gz

Locating Nearby Copies of Replicated Internet Servers - Guyton, Schwartz (1995) (Correct) (89 citations)
application layer. Next, we consider the cost of **polling** routing tables vs. gathering information via
Gathering b. In Routing Layer c. Routing Table **Polling** Network Probing d. Route Probing e. Hop Count
Locating Nearby Copies of Replicated Internet **Servers** James D. Guyton Michael F. Schwartz CU-CS-762-95
skwww.enc.iis.sinica.edu.tw/papers/r/ReplSvrLoc.ps

Distributed Management by Delegation - Goldszmidt, Yemini (1995) (Correct) (72 citations)

The platform-centered paradigm is based on remote **polling** of mib data and stretching control loops from and #xes virtual circuits at an ATM switch must **poll** mib tables, analyze them at the platform and then computing mechanisms involve a rigid Client**#Server** #C#S# paradigm that associates functionality with alpha01.ihep.ac.cn/~caixj/netm/nm/general/gol9506.pdf

WebOS: Operating System Services for Wide Area Applications - Vahdat (1997) (Correct) (50 citations)
the client side -users are forced to do manual **polling** between essentially equivalent services. This This replication is managed by hand on both the **server** and the client side -users are forced to do extensions running in the client mask Internet or **server** failures)ii) better cost-performance (by net.cs.utexas.edu/users/dahlin/papers/webOS.march97.ps

On the Design of Chant: A Talking Threads Package - Matthew Haines (1994) (Correct) (46 citations)
the issue of thread scheduling in the presence of **polling** for messages, and measure the overhead incurred We show that our design can accommodate various **polling** methods, depending on the level of support ftp.cs.ucsd.edu/pub/faculty/baden/cse268a/W2/chant.ps.gz

A Simple Load Balancing Scheme for Task Allocation in Parallel .. - Larry Rudolph (1991) (Correct) (45 citations)
times. Another approach that also uses random **polling** [has the processors **poll** only when they are also uses random **polling** [has the processors **poll** only when they are idle. In contrast, our work is (e.g. Sometimes a central **server** is considered (There have also been wilma.cs.brown.edu/courses/cs295h/loadbal.ps

An Open Agent Architecture - Cohen, Cheyer, Wang, Baeg (1994) (Correct) (42 citations)
vocabulary #used by the interface agent#and **polling** status. It also provides functionality allowing be installed on the mail agent, causing it to **poll** the user's mail database. Once the mail agent has of goals posted on a blackboard controlled by a **#Server**" process. The **Server** is responsible both for www-internal.cse.ogi.edu/CHCC/Publications/../Papers/sharonPaper/oaa9.pdf

On Temporal-Spatial Realism in the Virtual Reality Environment - Liang, Shaw, Green (1991) (Correct) (37 citations)
The **server** keeps up-to-date by continuously **polling** the Isotrak for new data. The Isotrak used in between the Isotrak and host machine (host machine **polling** Isotrak, or Isotrak continuously sending data configuration drives each Isotrak with its own **server** [Green90]which accepts client connection menaik.cs.ualberta.ca/pub/graphics/papers/uist.91.ps.gz

First 20 documents Next 20

Try your query at: Google (CiteSeer) Google (Web) CSB DBLP